



PATENT (U.S.A.)  
ATTORNEY'S DOCKET NO.  
008764-20001

DECLARATION

ORIGINAL  
 CONTINUATION  
 DIVISIONAL

As a below named inventor, I declare that the information given herein is true, that I believe that I am the original, first and sole inventor (if only one name is listed as 1 below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**SERVO CONTROL APPARATUS AND METHOD USING ABSOLUTE VALUE INPUT SIGNALS,**

the specification of which is attached hereto unless the following box is checked:

was filed on November 12, 1999 as United States Application Number or PCT International Application Number 09/439,055.

My residence, post office address and citizenship are as stated below next to my name.

I acknowledge my duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations § 1.56(a). I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

PRIOR FOREIGN APPLICATION(S)

COUNTRY	APPLICATION NUMBER	DATE OF FILING Month Day Year	PRIORITY CLAIMED UNDER 35 U.S.C. 119

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

(Application Serial No.) (Filing Date) (Status)

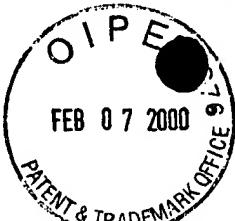
Send correspondence to: LOEB & LOEB LLP  
10100 Santa Monica Blvd.  
Los Angeles, CA 90067-4164      DIRECT TELEPHONE CALLS TO: WILLIAM H. WRIGHT; RN 36,312  
310-282-2260

(Please Print)

1	Name of Inventor <b>Petros A. IOANNOU</b>	Residence: CITY <b>PALOS VERDES E.</b>	STATE or COUNTRY <b>CA</b>
	Post Office Address c/o Acorn Technologies, Inc., 881 Alma Real Drive, Suite 305, Pacific Palisades, CA 90272		CITIZENSHIP United States
2	Name of Inventor <b>Elias B. KOSMATOPOULOS</b>	Residence: CITY <b>PALOS VERDES E.</b>	STATE or COUNTRY <b>CA</b>
	Post Office Address c/o Acorn Technologies, Inc., 881 Alma Real Drive, Suite 305, Pacific Palisades, CA 90272		CITIZENSHIP United States
3	Name of Inventor <b>Alvin M. DESPAIN</b>	Residence: CITY <b>Los Angeles</b>	STATE or COUNTRY California <b>CA</b>
	Post Office Address c/o Acorn Technologies, Inc., 881 Alma Real Drive, Suite 305, Pacific Palisades, CA 90272		CITIZENSHIP <b>USA</b> United States
4	Name of Inventor	Residence: CITY	STATE or COUNTRY
	Post Office Address		CITIZENSHIP

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 1 <b>PETROS A. IOANNOU</b>	SIGNATURE OF INVENTOR 2 <b>ELIAS B. KOSMATOPOULOS</b>
DATE <u>1/18/2000</u>	DATE <u>1/18/2000</u>
SIGNATURE OF INVENTOR 3 <b>ALVIN M. DESPAIN</b>	SIGNATURE OF INVENTOR 4
DATE <u>1/18/00</u>	DATE



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3	Name of Inventor <b>Alvin M. DESPAIN</b>	Residence: CITY <b>Los Angeles</b>	STATE or COUNTRY California <b>CA</b>
	Post Office Address c/o Acorn Technologies, Inc., 881 Alma Real Drive, Suite 305, Pacific Palisades, CA 90272		CITIZENSHIP United States <b>USA</b>
4	Name of Inventor	Residence: CITY	STATE or COUNTRY
	Post Office Address		CITIZENSHIP

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 1 PETROS A. IOANNOU	SIGNATURE OF INVENTOR 2 ELIAS B. KOSMATOPOULOS
DATE <u>1/18/2000</u>	DATE <u>1/18/2000</u>
SIGNATURE OF INVENTOR 3 ALVIN M. DESPAIN	SIGNATURE OF INVENTOR 4
DATE <u>1/18/00</u>	DATE



Docket No. 008764-20001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant or Patentee: PETROS A. IOANNOU, Group No.: 2753

PETROS A. IOANNOU,  
ELIAS B. KOSMATOPOULOS  
and ALVIN M. DESPAIN

Serial or Patent No.: 09/439,055 Examiner: Not assigned

Filed or Issued: November 12, 1999

For: SERVO CONTROL APPARATUS AND  
METHOD USING ABSOLUTE VALUE  
INPUT SIGNALS

VERIFIED STATEMENT CLAIMING SMALL ENTITY STATUS  
(37 C.F.R. 1.9(c-f) and 1.27 (b-d))

I. IDENTIFICATION OF PERSON MAKING STATEMENT AND RIGHTS AS A SMALL ENTITY

I hereby state that I am:

(a) Independent Inventor

a below-named independent inventor, and that I qualify as an independent inventor, as defined in 37 C.F.R. 1.9(c) for purposes of paying reduced fees under Section 41(a) and (b) of Title 35, United States Code, to the Patent and Trademark Office with regard to the invention entitled \_\_\_\_\_ described in:

the specification filed herewith  
 Application Serial No. \_\_\_\_\_, filed \_\_\_\_\_  
 Patent No. \_\_\_\_\_, issued \_\_\_\_\_

(b) Non-Inventor Supporting a Claim by Another

making this statement to support a claim by \_\_\_\_\_ for a small entity status for purposes of paying reduced fees under Sections 41(a) and (b) of Title 35, United States Code. I hereby state that I should qualify as an independent inventor as defined in 37 C.F.R. 1.9(c) for purposes of paying reduced fees under Sections 41(a) and (b) of Title 35, United States Code, if I had made the invention entitled \_\_\_\_\_ described in:

the specification filed herewith  
 Application Serial No. \_\_\_\_\_, filed \_\_\_\_\_  
 Patent No. \_\_\_\_\_, issued \_\_\_\_\_

(c) Small Business Concern

the owner of the small business concern identified below.  
 an official of the small business concern empowered to act on behalf of the concern identified below.

NAME OF CONCERN Acorn Technologies, Inc.  
ADDRESS OF CONCERN 881 Alma Real Drive, Suite 305, Pacific Palisades, CA 90272

I hereby declare that the above-identified small business concern qualifies as a small business concern as defined in 13 C.F.R. 121.3-18, and reproduced in 37 C.F.R. 1.9(d), for purposes of paying reduced fees under Sections 41(a) and (b) of Title 35, United States Code, in that the number of employees of the concern, including those of its affiliates, does not exceed 500 persons. For purposes of this statement, (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the persons employed on a full-time, part-time or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control the other, or a third party or parties controls or has the power to control both.

I hereby declare that rights under contract of law have been conveyed to and remain with the small business concern identified above with regard to the invention entitled SERVO CONTROL APPARATUS AND METHOD USING ABSOLUTE VALUE INPUT SIGNALS by inventor(s) Petros A. Ioannou, Elias B. Kosmatopoulos and Alvin M. Despain described in:

the specification filed herewith  
 Application Serial No. 09/439,055, filed November 12, 1999  
 Patent No.       , issued       

If the right held by the above-identified small business concern is not exclusive, each individual, concern or organization having rights to the invention is listed below and no rights to the invention are held by any person, other than the inventor, who could not qualify as a small business concern under 37 C.F.R. 1.9(d) or by any concern which would not qualify as a small business concern under 37 C.F.R. 1.9(d) or a nonprofit organization under 37 C.F.R. 1.9(e).

**(d) Non-Profit Organization**

I hereby declare that I am an official empowered to act on behalf of the nonprofit organization identified below:

NAME OF CONCERN  
ADDRESS OF CONCERN

TYPE OF ORGANIZATION

University or Other Institution of Higher Education  
 Tax Exempt Under Internal Revenue Service Code (26 U.S.C. 501(a) and 501(c)(3))  
 Nonprofit Scientific or Educational Under Statute of State of the United States of America  
Name of State         
Citation of Statute         
 Would Qualify as Tax Exempt Under Internal Revenue Service Code (26 U.S.C. 501(a) and 501(c)(3)), if located in the United States of America  
 Would Qualify as Nonprofit Scientific or Educational Under Statute of State of the United States of America if Located in the United States of America  
Name of State         
Citation of Statute       

I hereby declare that the nonprofit organization identified above qualifies as a nonprofit organization, as defined in 37 C.F.R. 1.9(e), for purposes of paying reduced fees under Sections 41(a) and (b) of Title 35, United States Code, with regard to the invention entitled        by inventor(s)        described in:

the specification filed herewith  
 Application Serial No.       , filed         
 Patent No.       , issued       

If the rights held by the nonprofit organization are not exclusive, each individual, concern or organization having rights to the invention is listed below and no rights to the invention are held by any person, other than the inventor, who could not qualify as a small business concern under 37 C.F.R. 1.9(d) or by any concern which would not qualify as a small business concern under 37 C.F.R. 1.9(d) or a nonprofit organization under 37 C.F.R. 1.9(e).

**II. OWNERSHIP OF INVENTION BY DECLARANT**

I hereby declare that rights under contract or law remain with and/or have been conveyed to the above-identified

individual  
(item (a) or (b) above)

small business concern  
(item (c) above)

nonprofit organization  
(item (d) above)

EXCEPT, that if the rights held are not exclusive, each individual, concern or organization having rights to the invention is listed below\* and no rights to the invention are held (1) by any individual who could not be classified as an independent inventor under 37 C.F.R. 1.9(c) if that individual had made the invention, (2) any concern which would not qualify as a small business concern under 37 C.F.R. 1.9(d) or (3) a nonprofit organization under 37 C.F.R. 1.9(e).

no such person, concern or organization  
 the person, concern or organization listed below\*

\*NOTE: Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities. (37 C.F.R. 1.27)

FULL NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

INDIVIDUAL  SMALL BUSINESS CONCERN  NONPROFIT ORGANIZATION

FULL NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

INDIVIDUAL  SMALL BUSINESS CONCERN  NONPROFIT ORGANIZATION

### III. ACKNOWLEDGMENT OF DUTY TO NOTIFY PTO OF STATUS CHANGE

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 C.F.R. 1.28(b)).

### IV. DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

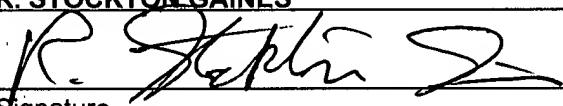
### V. SIGNATURES

(complete only (e) or (f) below)

(e) (NOTE: All inventors must sign the statement.)

R. STOCKTON GAINES

Date: 1/27/00

  
Signature